

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 480062.720D1	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Khalid El Akel et al.	
		FILING DATE September 23, 2003	GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,567,610	01/28/86	McConnell	382	18	
	AB	5,301,115	04/05/94	Nouso	364	460	
	AC	5,378,881	01/03/95	Adachi	235	462	
	AD	5,471,550	11/28/95	Kurachi	382	200	
	AE	5,703,963	12/30/97	Kojima et al.	382	197	
	AF	6,434,270	08/13/02	Ohara et al.	382	178	
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	92/11609	07/09/92	WO		
	AL					
	AM					
	AN					
	AO					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Abdallah, Cherri K. and Mohammad A. Karim, "Optical Symbolic Substitution: Edge Detection Using Prewitt, Sobel, and Roberts Operators," Applied Optics, Vol. 28, No. 21, November 1989, pp. 4644-4648.
	AQ	Hemdal, John F., "One-Dimensional Digital Processing of Images for Straigh-Line Detection," Pattern Recognition, Vol. 31, No. 11, pp. 1687-1690.
	AR	

EXAMINER

DATE CONSIDERED

10-28-2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).